


FACULTY PROFILE

DEPARTMENT OF PHYSICS

I. PERSONAL DETAILS

Name	M. PREETHI	
Designation	Assistant Professor of Physics	
Qualification	M.Sc.,M.Phil.,	
Area of Specialization	Crystallography	
Mobile No.	9629973918	
e-Mail ID	Institutional: m.preethi-phy@emgywomenscollege.ac.in	
	Personal: preethi.mayalagu@gmail.com	

II. EDUCATIONAL QUALIFICATION

S.NO	NAME OF THE DEGREE/DIPLOMA	NAME OF THE INSTITUTION/UNIVERSITY	YEAR OF PASSING
1.	B.Sc.,	Madura College, Madurai	April 2013
2.	M.Sc.,	N.M.S.S.Vellaisamy Nadar College, Madurai	April 2015
3.	M.Phil.,	The American College, Madurai	June 2016

III. TEACHING EXPERIENCE

S.NO	PREVIOUS TEACHING EXPERIENCE WITH NAME OF THE INSTITUTION	YEAR OF EXPERIENCE
1.	Mangayarkarasi college of engineering	1 Year 10 Months

IV. RESEARCH ACCOMPLISHMENTS

ORIENTATION/REFRESHER/MOOCs/FDP/ TRAINING PROGRAMMES ATTENDED			
S.NO	DATE	NAME OF THE COURSE/PROGRAMME	NAME OF THE INSTITUTION/UNIVERSITY
1.	2017	Teaching techniques	ICT Academy

NATIONAL/INTERNATIONAL SEMINAR, WEBINAR, WORKSHOP, CONFERENCE & SYMPOSIUM ATTENDED				
S.NO	DATE	TITLE	EVENT NAME	INSTITUTION NAME
1.	2014	X-ray crystallography	National level seminar	N.M.S.S.V.N. college
2.	2015	Computational physics using Gaussian	National level workshop	N.M.S.S.V.N. college
3.	2018	Recent trends in physics	State level seminar	Thiagarajar college
4.	17.9.2021	Intellectual property rights	Workshop	E.M.G Yadava Women's college
5.	06/06/2020	Quantum Mechanical Picture of Periodic Table	webinar	Vellore Institute of Technology, Chennai.
6.	9.6.2021	Solar cells - an overview	webinar	JP College of Arts & Science
7.	06/06/2020	PVD Methods in Thin film Deposition	webinar	Kalasalingam academy of research and education, Virudhunagar.
8.	09/06/2020	Strategic Approach in Chemistry	webinar	Alagappa University, Karaikudi.
9.	10/06/2020	Local probe Techniques: A Microscopic look at physical properties in matter	webinar	National College (Autonomous), Thiruchirappalli.

10.	10/06/2020	IQAC-One day Webinar	Webinar	Loganatha Narayanasamy Government College (Autonomous),Ponneri.
11.	1.7.2020	Methods and mechanism of CO ₂ and H ₂ adsorption and metal organic frame works	Webinar	Chennai Institute of Technology Chennai
12.	8.7.2020	The Exciting Story of Exoplanets	International seminar	Karunya Institute of Technology and Science, Coimbatore
13.	20.6.2020	Solar Eclipse	Webinar	E.M.G yadva women's college
14.	1.7.2020	General Characteristics of d-block Elements- NET Examination	National level webinar	Government Arts College
15.	20.6.2020	Nanomaterials For Environmental Applications	Webinar	Kings engineering college
16.	15.6.2020	New approach to curricular design& simplified pathway to outcome based education	Webinar	E.M.G yadva women's college
17.	29.5.2020	Developments in energy systems beyond lithium ion battery	Webinar	Kalasalingam academy of research and education, Virudhunagar.
18.	4.12.2020	Enhancing e – content for teaching & learning	Webinar	E.M.G yadva women's college
19.	18.6.2020	Advances in crystal growth and nano materials	Webinar	Kamaraj college
20.	10.11.2020	NAAC Reaccreditation process during post Covid scenario	National level webinar	Yadava college
21.	6.1.2021	Revised accreditation framework of NAAC	National level webinar	E.M.G yadva women's college
22.	11.2.2021	New education policy: The urge for transformation of higher education	National seminar	E.M.G yadva women's college
23.	20.12.2021& 21.12.2021	International virtual conference on recent trends in material science	International virtual conference	Bannari amman institute of technology

V. INNOVATIVE TEACHING SKILLS

e- CONTENT DEVELOPED				
S.NO	DATE	TITLE	SOCIAL NETWORK (YouTube, Slideshare, Blog, MOOCs, Others)	LINK
1.	18.5.2021	Mixer grinder	Slide share	https://www.slideshare.net/MsMPreethiPhysics/mixer-grinder-ppt
2.	18.5.2021	Wet grinder	Slide share	https://www.slideshare.net/MsMPreethiPhysics/wet-grinder-248341710

VI. COMPUTER SKILLS

COMPUTER LANGUAGE/TECHNICAL SKILLS	
S.NO	
1.	PGDCA

VII. LANGUAGE PROFICIENCY

S.NO	LANGUAGE	SPEAK	READ	WRITE
1.	Tamil	Yes	Yes	Yes
2.	English	Yes	Yes	Yes